

Title (en)

Device for closing a roof opening of an automobile, equipped with a sealing barrier and a water outlet.

Title (de)

Verschlussvorrichtung eines Dachausschnittes eines Kraftfahrzeugs , mit einer Abdichtungssperre und einer nach außen gerichteten Wasserableitung

Title (fr)

Dispositif d'obturation d'une baie ménagée dans le toit d'un véhicule automobile, équipé d'une barrière d'étanchéité et d'une évacuation d'eau vers l'extérieur.

Publication

**EP 2301785 B1 20120808 (FR)**

Application

**EP 09305888 A 20090923**

Priority

EP 09305888 A 20090923

Abstract (en)

[origin: EP2301785A1] The device has a glazed panel (12) mobile relative to a fixed glazed part (11) between a closing position in which the fixed part closes an opening (13) defined in the fixed part, and an opening position in which the opening is partially free. Recovery and evacuation units formed by pins and cavities (21) recover and evacuate part of water received on an external surface of the panel, to exterior of the vehicle in the opening position. A seal (19) closes access to the units in the closing position to prevent the units from receiving water in the closing position.

IPC 8 full level

**B60J 7/02** (2006.01); **B60J 10/82** (2016.01)

CPC (source: EP US)

**B60J 7/0084** (2013.01 - EP US); **B60J 7/022** (2013.01 - EP US); **B60J 7/053** (2013.01 - EP US); **B60J 10/82** (2016.02 - EP US)

Citation (examination)

EP 2189313 A1 20100526 - ADVANCED COMFORT SYSTEMS FRANC [FR]

Cited by

CN111267591A; FR2985225A1; FR2985224A1; EP2479366A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**EP 2301785 A1 20110330; EP 2301785 B1 20120808;** CN 102639349 A 20120815; CN 102639349 B 20140702; US 2012228900 A1 20120913; US 8485595 B2 20130716; WO 2011045092 A1 20110421

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